



SANDPOINT HATCHERY
ANNUAL REPORT

October 1, 1984 to September 30, 1985



by
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Fish Hatchery Superintendent I
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TABLE OF CONTENTS

	<u>Page</u>
ABSTRACT	1
INTRODUCTION	2
OBJECTIVES	2
FISH PRODUCTION	2
Eggs Received	2
Fish Received	2
Fish Produced	3
Fish On Hand	3
TRANSFERS	3
FISH RELEASES	3
FISH FEED UTILIZATION	5
FISH HEALTH	5
ACKNOWLEDGEMENTS	6

LIST OF TABLES

Table 1.	Fish planted from Sandpoint Hatchery, 1984 to 1985	4
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ABSTRACT

During the fish year, Sandpoint Hatchery received 2,394,259 green kokanee eggs from the trap on Sullivan Springs Creek, a tributary to Granite Creek. The hatchery also received 60,000, 0- to 3-inch westslope cutthroat from Clark Fork Hatchery that were used to plant high mountain lakes.

The hatchery released 2,520,459 kokanee, Kamloops, westslope cutthroat, brook trout and brown trout into Region 1 streams, lakes and reservoirs.

During the 1984 to 1985 fish year, Sandpoint Hatchery produced 3,877 pounds of fish at a feed cost of \$2,220, and 4,800 pounds of feed were used for a conversion rate of 1.24.

Because the Sandpoint Hatchery closed at the end of the 1984 to 1985 fish year, this will be the last production report from that station.

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INTRODUCTION

Sandpoint Hatchery is located in Bonner County, five miles south of Sandpoint, Idaho, on the Pend Oreille River. It receives water piped from springs located approximately four-tenths of a mile south of the hatchery at a flow of 1.2 cfs. The hatchery consists of seven double stacks of incubators and two half-stacks, along with eight upwelling incubators, 18 vats each 13 ft x 3 ft x 2 1/2 ft and two raceways each 5 ft x 100 ft x 2 ft. Sandpoint Hatchery is capable of raising 7,275 pounds of yearling fish; however, most of the production capability is now used by about 1,760,000 kokanee, 151,000 Kamloops and 320,000 cutthroat.

OBJECTIVES

1. To raise and release an average of 1,864 pounds of 0- to 4-inch kokanee per year; an average of 1,875,000 fish released per year. In past years, most kokanee were released in Granite Creek, a tributary to Pend Oreille Lake. However, some of these fish were released in Priest Lake or in tributaries in 1983 through 1985.
2. To rear and release approximately 110,000 Kamloops strain rainbow trout at Size 2 (3 to 6 inches). These fish will weigh about 850 pounds when released into waters of Region 1.

FISH PRODUCTION

Eggs Received

During the year, Sandpoint Hatchery received 2,394,259 green kokanee eggs from the fish trap on Sullivan Springs.

Fish Received

Sandpoint Hatchery received 60,000, 0- to 3-inch westslope cutthroat trout from Clark Fork Hatchery.

Fish Produced

The hatchery produced a total of 3,877.65 pounds of fish.

<u>Species produced</u>	<u>Pounds produced</u>
Kokanee	2,825.45
Kamloops (domestic)	568.13
Kamloops (wild)	96.33
Cutthroat (westslope)	387.74

Fish On Hand

At the end of 1985, we had no fish on hand.

TRANSFERS

We did not transfer any eggs or fish during the year.

FISH RELEASES

During the year, Sandpoint Hatchery planted 2,520,459 fish for a total of 5,059.20 pounds.

<u>Species</u>	<u>Number</u>	<u>Pounds</u>
Brook trout	43,764	599.50
Brown trout	21,759	209.00
Cutthroat (westslope)	254,561	617.75
Kamloops (domestic)	28,580	700.50
Kamloops (wild)	3,531	107.00
Kokanee (late)	2,168,264	2,825.45

Table 1 lists these plants according to species, receiving water, number planted, fish size, and month planted.

Table 1. Fish planted from Sandpoint Hatchery, 1984 to 1985.

Receiving water	Number planted	Fish size	Month planted
<u>Brook trout</u>			
Perkins	6,059	3-6 inches	June
Bloom	4,599	3-6 inches	June
Mirror	26,682	3-6 inches	June
Upper Twin	4,234	3-6 inches	June
Lower Twin	2,190	3-6 inches	June
<u>Brown trout</u>			
Mirror	1,390	0-3 inches	June
Hauser	7,645	0-3 inches	June
Upper Twin	2,190	0-3 inches	June
Kelso	1,030	3-6 inches	July
Lower Twin	4,605	3-6 inches	July
<u>Cutthroat (westslope)</u>			
Hunt Creek	192,462	0-3 inches	March
Hidden	12,512	0-3 inches	August
Lake Mountain Cutoff	1,748	0-3 inches	August
West Fork	2,990	0-3 inches	August
Big Fisher	2,530	0-3 inches	August
Myrtle	5,100	0-3 inches	August
Trout	1,748	0-3 inches	August
Pyramid	2,760	0-3 inches	August
Roman Nose 13	3,000	0-3 inches	August
Hunt	3,000	0-3 inches	August
Standard	4,000	0-3 inches	August
Two Mouth 12	1,265	0-3 inches	August
Mollies	506	0-3 inches	August
Hunt Peak #1	1,500	0-3 inches	August
Hunt Peak 12	780	0-3 inches	August
Beehive	1,740	0-3 inches	August
Harrison	7,200	0-3 inches	August
Dennick	2,010	0-3 inches	August
Sand	1,260	0-3 inches	August
Caribou	1,700	0-3 inches	August
Solomon	2,250	0-3 inches	September
Spruce	1,250	0-3 inches	September
Debt	1,250	0-3 inches	September

Table 1. Continued.

<u>Receiving water</u>	<u>Number planted</u>	<u>Fish size</u>	<u>Month planted</u>
Kamloops (domestic)			
Spirit	28,580	3-6 inches	March
<u>Kamloops (wild)</u>			
Hayden	3,531	0-3 inches	March
Kokanee (late)			
Jewel	1,500	0-3 inches	August
Mirror	1,003	0-3 inches	August
Granite Creek-Priest	1,237,694	0-3 inches	August
Indian Creek-Priest	624,365	0-3 inches	August
Granite Creek-Sullivan Springs	302,699	0-3 inches	August
Lower Twin	1,003	0-3 inches	August

FISH FEED UTILIZATION

We fed a total of 4,800 pounds of Oregon Moist Pellets at a total cost of \$2,220.00. This resulted in a conversion rate of 1.24 pounds of food fed for each pound of fish flesh gained. The breakdown of pounds per size of feed is as follows:

Starter	200 lb
1/32	3,200 lb
1/16	900 lb
3/64	500 lb

FISH HEALTH

We had very little disease in the fish this year. What few losses we experienced were due to coldwater disease or fungus in the abdomen.

ACKNOWLEDGEMENTS

Hatchery staffing during the year included Daniel J. Beers, Hatchery Superintendent I and Ralph L. Beeler, temporary employee.

Submitted by:

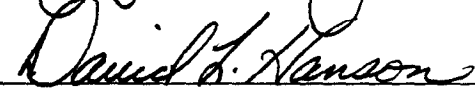
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